

**AMENDMENTS TO THE CLAIMS**

The listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1–32 (Previously Cancelled)

33. (Previously presented) A magnetic recording head comprising:

a substrate;

a magnetically permeable thin film disposed on the substrate; and

a gap pattern in the magnetically permeable thin film;

wherein the thin film includes a material chosen from the family of iron nitride alloys.

34. (Previously presented) A magnetic recording head for writing servo tracks comprising:

a magnetically permeable substrate having two ferrite blocks glass bonded to a medially disposed ceramic member;

a magnetically permeable thin film disposed on at least one surface of the substrate thereby providing a major surface;

a gap pattern formed in the thin film; and

a coil coupled to the substrate for causing magnetic flux to flow through the substrate and the thin film;

wherein the thin film FeXN.